

ABSTRACT

Disclosed herein is a light beam scanning apparatus in an image forming system, in which a light emitting means within an image head is arranged to be perpendicular to a rotation axis of a photosensitive drum, thus simultaneously printing a plurality of lines and enabling the image to be uniform. The light beam scanning apparatus is constructed so that light beams scanned from an image head form spots on a photosensitive drum to form an image. The image head includes a light emitting means and a lens system. The light emitting means has a plurality of light emitting sources arranged to be perpendicular to a rotation axis of the photosensitive drum to output multiple beams in response to video signals. The lens system allows the multiple beams output from the light emitting means to form spots on a surface of the photosensitive drum in a linear shape along a vertical direction of the surface thereof. In this case, the focus of light beams having passed through the lens system is formed at a central axis of the photosensitive drum when viewed in a sub-scanning direction, thus enabling spots of the light beams to be vertically formed on the surface of the photosensitive drum in a linear shape when viewed in a main scanning direction.